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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/812,754	03/20/2001	Jeffery Davis	10010106-1	8894

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AGILENT TECHNOLOGIES
Legal Department, 51U-PD
Intellectual Property Administration
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EXAMINER

GOOD JOHNSON, MOTILEWA

ART UNIT PAPER NUMBER

2672

DATE MAILED: 03/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/812,754

Applicant(s)

DAVIS ET AL.

Examiner

Motilewa A. Good-Johnson

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This office action is responsive to the following communications: Application, filed 03/20/2001, IDS, paper #2, filed 03/20/2001.
2. Claims 1-23 are pending in this application. Claims 1, 19 and 23 are independent claims. No claims have yet been amended.
3. The present title of the application is "Scrolling Method Using Screen Pointing Device" (as originally filed).

Information Disclosure Statement

4. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609 A(1) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States

only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Becker et al., U.S. Patent Number 6,337,694, "Method and System for Variable Speed Scrolling within a Data Processing System", class 345/684, 01/2002, filed 09/1999.

As per independent claim 1, a method of scrolling through information displayed on a display screen . . . comprising: providing a first plurality of user selectable scrolling zones on the display screen . . . associated with a scrolling technique; Becker discloses selection of scroll buttons located in particular areas on the display screen, col. 6, lines 23-33, and figure 3; receiving zone selection information identifying a first one of the scrolling zones selected by a user with the screen pointing device; Becker discloses selecting a scroll function in response to dragging a mouse cursor, col. 6, lines 23-33; scrolling through the displayed information . . . Becker discloses user selection of the scroll button initiates scrolling, col. 2, lines 57-59.

With respect to dependent claim 2, scrolling technique corresponds to a scrolling speed. Becker discloses varying the scroll speed of the document, col. 6, lines 36-37.

With respect to dependent claim 3, scrolling technique corresponds to a scrolling granularity. Becker discloses scrolling by content of the document, col. 6, lines 36-58.

With respect to dependent claim 4, scrolling granularities include line scrolling, paragraph scrolling, and page scrolling. Becker discloses scrolling by pages and lines, col. 1, lines 50-53, and scrolling content or objects contained within the document or previous accesses and further discloses textual description, col. 5, lines 37-56.

With respect to dependent claim 5, providing a second plurality of user selectable scrolling zones on the display screen each scrolling zone in the second plurality . . . associated with a scrolling technique . . . different from the first direction. . . Becker discloses scroll buttons 65, 67, 66 and 69, each position to scroll in a different direction, figure 3.

With respect to dependent claim 6, first plurality of scrolling zones is positioned substantially adjacent to a top of the display screen . . . second plurality of scrolling zones is positioned substantially adjacent to a bottom of the display screen . . . Becker discloses in scroll buttons positioned to the bottom of the display screen, figure 3, elements 66 and 69.

With respect to dependent claim 7, first plurality of scrolling zones is positioned adjacent to a left edge of the display screen . . . second . . . positioned substantially adjacent to a right edge of the display screen . . . Becker discloses scroll buttons 67 and 65, figure 3, positioned at the edges of the bottom of the display screen.

With respect to dependent claim 8, Becker discloses a left, right, up and down scroll buttons, figure 3, elements 65, 67, 66 and 69, each of which scroll in a direction different from the other.

With respect to dependent claim 9, display a first plurality of zone representation on the display screen . . . Becker discloses a portion of the display window with one or more scroll buttons associated with the display for controlling the viewable object, col. 2, lines 52-60.

With respect to dependent claim 10, zone representations indicates a scrolling technique. . Becker discloses scroll buttons on an area on the screen to provide a scroll function, col. 5, lines 25-31.

With respect to dependent claim 11, zone representations indicates a boundary of a user selectable scrolling zone. . . Becker discloses bounded scroll buttons, figure 3.

With respect to dependent claim 12, scrolling techniques associated with the scrolling zones are user definable . . . Becker discloses scrolling document portions not consistently viewed by a user and slow scroll speed for portions of the document of greater interest to the user, thus making the scrolling technique user definable, col. 6, lines 40-58.

With respect to dependent claim 13, user selectable scrolling zones are spread substantially across the entire display screen . . . Becker discloses scroll functions spread across the display screen, figure 3.

With respect to dependent claim 14, user selectable scrolling zones are spaced apart from each other. . . Becker discloses in figure 3 scroll buttons spaced apart.

With respect to dependent claim 15, scrolling zones includes nine scrolling zones organized into three columns and three rows . . . Becker discloses scroll button controls for controlling a user desired scroll direction, col. 1, lines 48-50.

With respect to dependent claim 16, Becker discloses determining if a selection of a scroll function has occurred in response to dragging of a cursor, col. 5, lines 23-33.

With respect to dependent claims 17 and 18, providing at least one user selectable action zone . . . varying the display modifying action associated with the at least one action zone . . . Becker discloses scrolling for different regions of information which may be audio, images, animations, or 3-D graphics, col. 1, lines 62-65.

As per independent claim 19 and dependent claims 20-22, they are rejected based upon similar rational as above independent claim 1 and dependent claims 2-4.

As per independent claim 23, a method for scrolling through information displayed on a display screen of an electronic device . . . comprising: receiving mode selection information from a user . . . ; Becker discloses selection information received by the user, col. 6, lines 23-30; receiving movement information provided by a user with the screen pointing device; Becker discloses continuous selection of the scroll button varying the speed of the scroll, col. 5, lines 29-31; determining a first movement direction . . . ; moving the screen pointer based on the received movement information; and scrolling the displayed information on the display screen . . . Becker discloses dynamically varying the speed of the scroll with the continuous selection of the mouse cursor, col. 5, lines 33-36.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6,331,863	Meier et al.	345/684	12/2001	10/1998
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Intelligent scrolling.

Art Unit: 2672

6,208,343 Roth 345/786 03/20001 12/1997

Graphical user interface scroll bar that provides varied levels of access granularity.

6,313,849 Takase et al. 345/684 11/2001 06/1999

Modal control scrolling of display area.

5,510,808 Cina, Jr. et al. 345/684 04/1996

Scrollbar having system of user supplied information.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Motilewa A. Good-Johnson whose telephone number is (703) 305-3939. The examiner can normally be reached on Monday - Friday 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on (703) 305-4713. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

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Motilewa A. Good-Johnson
Examiner
Art Unit 2672

mgj
March 5, 2003

A handwritten signature in black ink, appearing to read 'M. Razavi', with a stylized, flowing script.

MICHAEL RAZAVI
SENIOR PATENT EXAMINER
TECHNOLOGY CENTER